

AMENDMENT(S) TO THE SPECIFICATION

Please replace the paragraph beginning at page 7, line 22, with the following rewritten paragraph:

A susceptor device 21 comprises a base body 22 which is formed by a ceramic plate of which upper surface (a main surface) serves as a mounting surface 22a for mounting a plate sample such as a silicon wafer, an electrostatic absorbing inner electrode 23 having a predetermined pattern which is disposed on a bottom surface (other main surface) 22b of the base body 22, a power supplying terminal 24 one of which end section is connected to the electrostatic absorbing inner electrode 23 and another one of which end section is exposed to thereoutside, an insulating sprayed layer 25 which is fixed on the bottom surface ~~of the 22b [[on]] of~~ the base body 22 so as to coat an entire surface of the electrostatic absorbing inner electrode 23 and a connecting section for the power supplying terminal 24 and the electrostatic absorbing inner electrode 23, and a temperature controlling section 27 which is disposed beneath the insulating sprayed layer 25 and has a flow path 26 inside a thick plate body of the temperature controlling section 27 through which a cooling medium (temperature controlling medium) such as a water or a gas circulates.

Please replace the paragraph beginning at page 11, line 24, with the following rewritten paragraph:

For spraying the insulating sprayed layer 25, for example, it is possible to employ a commonly known spraying method such as a plasma-jet spray method. In the plasma-jet method, a plasma of orifice gas is made by an arc flare which is generated between a cathode and an anode nozzle such that a sprayed member is ~~[[feed]]~~ fed into the plasma so as to be sprayed on a surface on which the sprayed member is supposed to be emitted. The sprayed layer which is made by ~~the above~~ method has a porous layered structure. The insulating sprayed layer 25 is surrounded by the base body and the temperature controlling section 27; therefore, it is not necessary to seal nor melt the insulating sprayed layer 25.

Please replace the paragraph beginning at page 13, line 6, with the following rewritten paragraph:

The entire surface of the temperature controlling section 27 or at least the surface which is exposed to the plasma should preferably be coated by an alumite or a polyimide resin. By coating the surface by alumite or polyimide resin, anti-plasma characteristics in the temperature controlling section 27 can be improved. Also, [[the]] an abnormal electric discharge is prevented; thus, stability for anti-plasma characteristics is improved. Also, it is possible to prevent a flaw on the surface.

Please replace the paragraph beginning at page 14, line 21, with the following rewritten paragraph:

Also, the ring flange 22c is disposed around a peripheral section of the base body 22. Additionally, a notched section 27a having a fitting shape for the ring flange 22c is formed around an upper periphery of the temperature controlling section 27. Consequently, the electrostatic absorbing inner electrode 23, the insulating sprayed layer 25, and the bonding agent layer 28 are surrounded by the base body 22 and the temperature controlling section 27 so as to be sealed from thereoutside by fitting the ring flange 22c of the base body 22 to the notched section 27a of the temperature controlling section 27; thus, it is possible to protect the electrostatic absorbing inner electrode 23, insulating sprayed layer 25, and the bonding agent layer 28 from the corrosive gas or the plasma. Therefore, it is possible to prevent an occurrence of [[the]] an abnormal electric discharge, stabilize the operations in the susceptor device, and improve the durability of the susceptor device.

Please replace the paragraph beginning at page 16, line 21, with the following rewritten paragraph:

Also, it is possible to protect the electrostatic absorbing inner electrode 23, the insulating sprayed layer 25, and the bonding agent layer 28 from the corrosive gas and the plasma; therefore, it is possible to prevent an occurrence of [[the]] an abnormal electricity discharge,

stabilize operations in the susceptor device 41, and improve the durability of the susceptor device 41.

Please replace the paragraph beginning at page 18, line 11, with the following rewritten paragraph:

For a member which is supposed to be sprayed, an aluminum oxide powder is used (average grain diameter 2 μm) which is commercially obtained; thus, an insulating sprayed layer having average thickness 200 μm is formed.

Please replace the paragraph beginning at page 20, line 12, with the following rewritten paragraph:

The electrostatic absorbing characteristics in the susceptor device according to the present embodiments is shown in TABLE 1 below.

TABLE 1

Charged Voltage (V)	<u>Curreny Current</u> Value (mA)	Electrostatic Absorbing Force (kPa)
500	0.02	7
750	0.05	9
1000	0.15	11